

**Supplementary Table S1.** Characteristics of Nursing Homes by Completeness of Data on COVID-positive Admissions, Personal Protective Equipment and Staffing Over the Period from May 24<sup>th</sup>, 2020 and March 7<sup>th</sup>, 2021 (n= 15,343)

	Facilities with <b>&gt;36 weeks</b> of information on COVID-positive admissions, PPE and staffing (n=14,839)	Facilities with <b>≤36 weeks</b> of information on COVID-positive admissions, PPE and staffing (n=504)	<i>p-value</i>
Number of weeks over study period with information on COVID-positive admissions and shortages (mean)	39.9	22.0	.00
Ever admitted COVID-positive patients (%)	74.6	67.1	.001
Ever had a PPE shortage when admitting COVID-positive patients (%)	20.8	13.8	.004
Ever had a staffing shortage when admitting COVID-positive patients (%)	29.2	33.9	.05
Nursing home size (%)			.00
Small (<50 beds)	11.8	18.4	
Medium (≥50 & ≤150 beds)	72.6	67.1	
Large (>150 beds)	15.6	14.5	
Ownership (%)			.24
For-profit	70.1	71.3	
Government	6.4	7.8	
Non-profit	23.5	20.9	
Part of a chain (%)	55.2	44.8	.00
Located in a hospital (%)	3.8	3.0	.37
Black residents >25% of all residents (%)	15.1	17.1	.23
Share of revenue from Medicaid >85% (%)	9.3	11.3	.13
CMS Star Rating (%)			.00
1 (lowest)	16.4	22.6	
2	19.5	21.4	
3	17.6	15.5	
4	21.0	16.9	
5 (highest)	24.2	18.3	
Missing	1.3	5.4	
<b>County Characteristics</b>			
Population per square mile (mean)	966.4	963.0	.98
Population > 75% urban in county (%)	56.1	56.6	.86
Number of nursing homes (mean)	34.1	41.1	.02
Total COVID-19 cases per 100,000 residents as of March 7, 2021 (mean)	9,009.7	9,072.5	.61

Abbreviation: PPE, personal protective equipment